PATENT

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ABSTRACT OF THE DISCLOSURE

A stable isotopic identification comprising a mathematical array of concentrations of isotopes found in a product, said mathematical array being presented in a machine readable form and comparable to analytical results whereby the product can be distinguished from other similar products, said machine readable form also being indexed through stored product information. The stored product information may be displayed when desired. By the stable isotopic identification of the invention, a product may be securely traced through manufacturing of a product, marketing of a product and the use of a product.

A method of identifying products is also provided utilizing the stable isotopic identification including the steps of analyzing a product for the concentration of isotopes, arranging the concentrations of the isotopes in a mathematical array, formulating the mathematical in a machine readable form, assembling product information, and indexing the product information to the machine readable form of the mathematical array, maintaining both the indexing and the product information, and when desired measuring the isotopic concentration of a comparable substance, comparing mathematical arrays, and accessing stored product information through the indexing of the same to product information, whereby a

product may be traced through manufacturing, the marketplace and use, identified, and indexed to product information.